

FIG. 1

(a)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	90.9	89.2	86.2	82.3
10	89.9	86.4	79.9	71.6
20	86.7	77.4	62	50.7
30	82.3	65.9	43.5	n/a

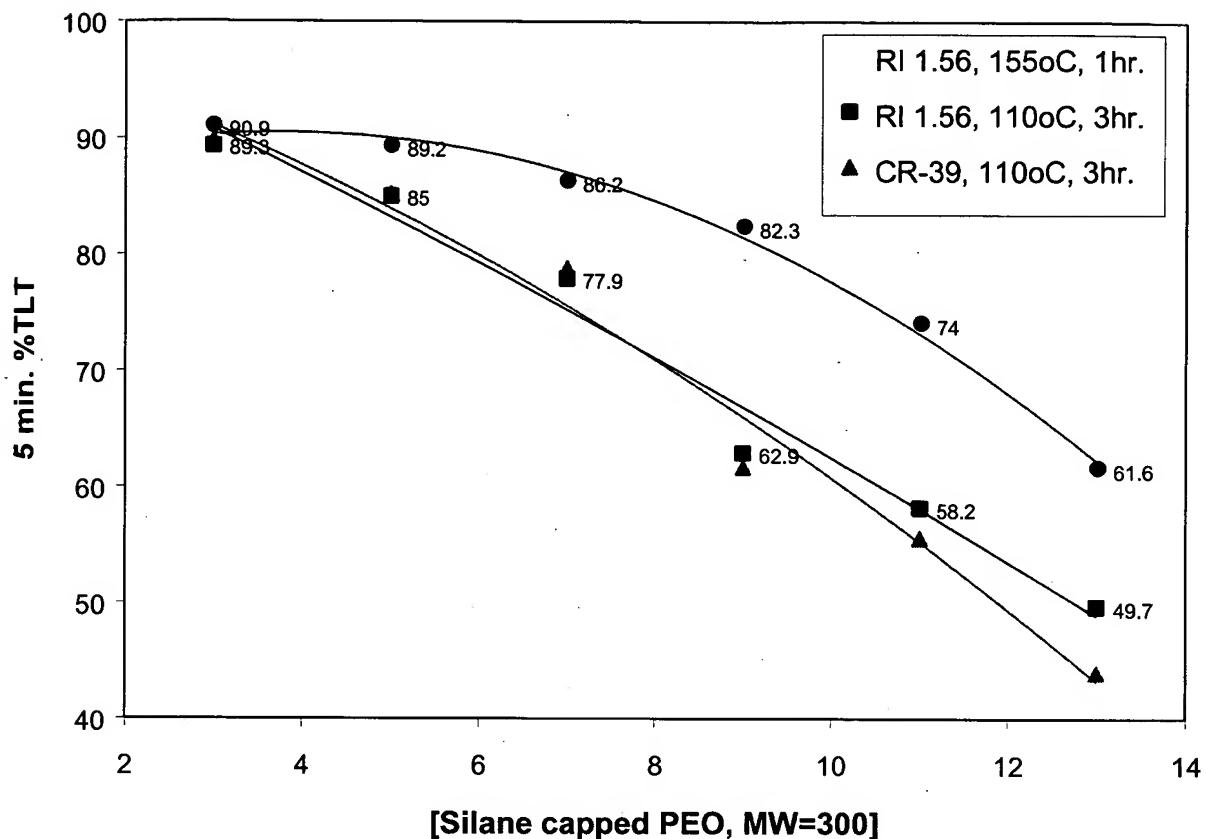
(b)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	89.3	85	77.9	60.5
10	83.7	72.2	58.2	32.7
15	76.4	58.5	40.8	19.6
20	68.9	47.3	29.2	n/a

(c)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	89.8	85.2	78.8	61.7
10	85	73.7	61.1	40
15	77.8	59.5	44	25.9
20	69.6	46.8	31.5	n/a

FIG. 2



**FIG. 3**

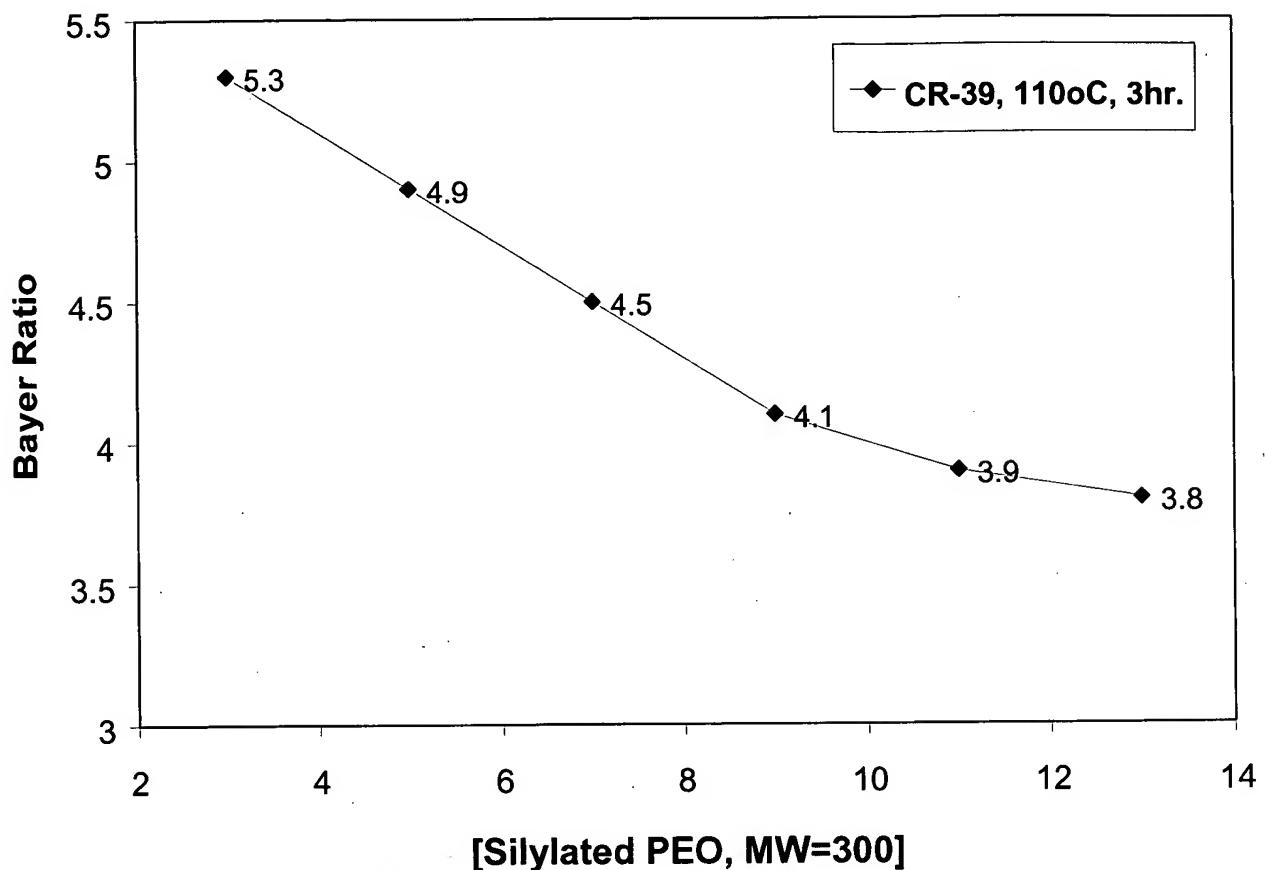


FIG. 4

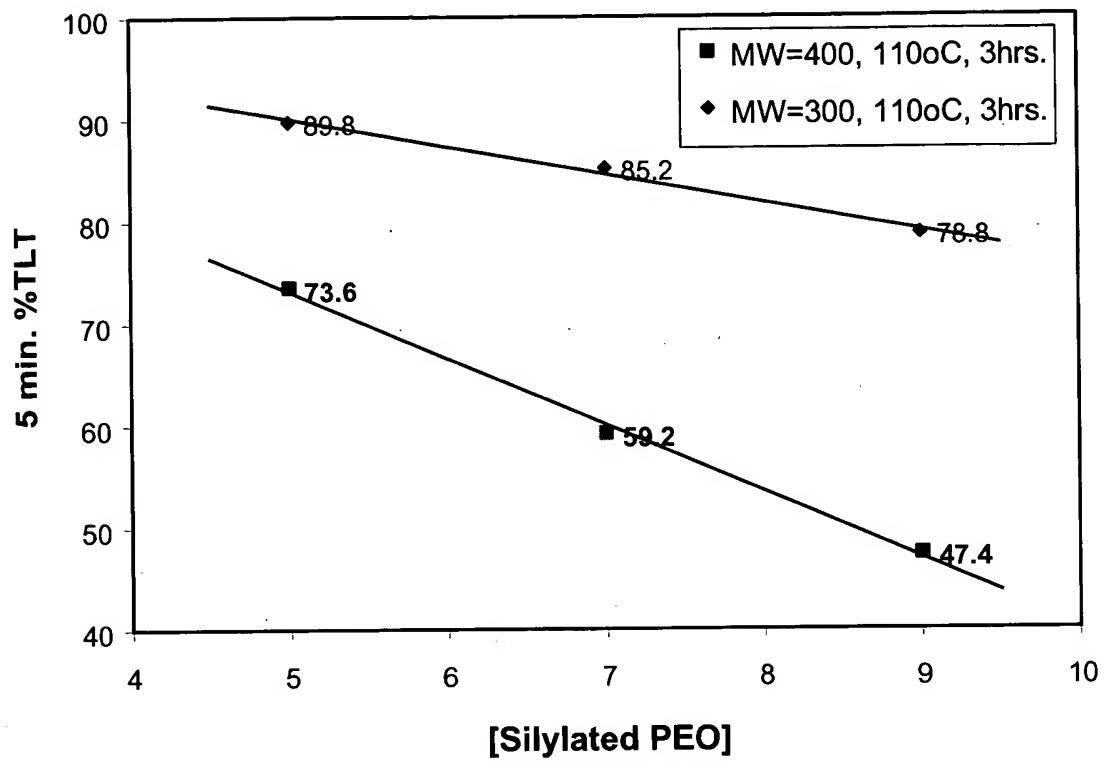


FIG. 5

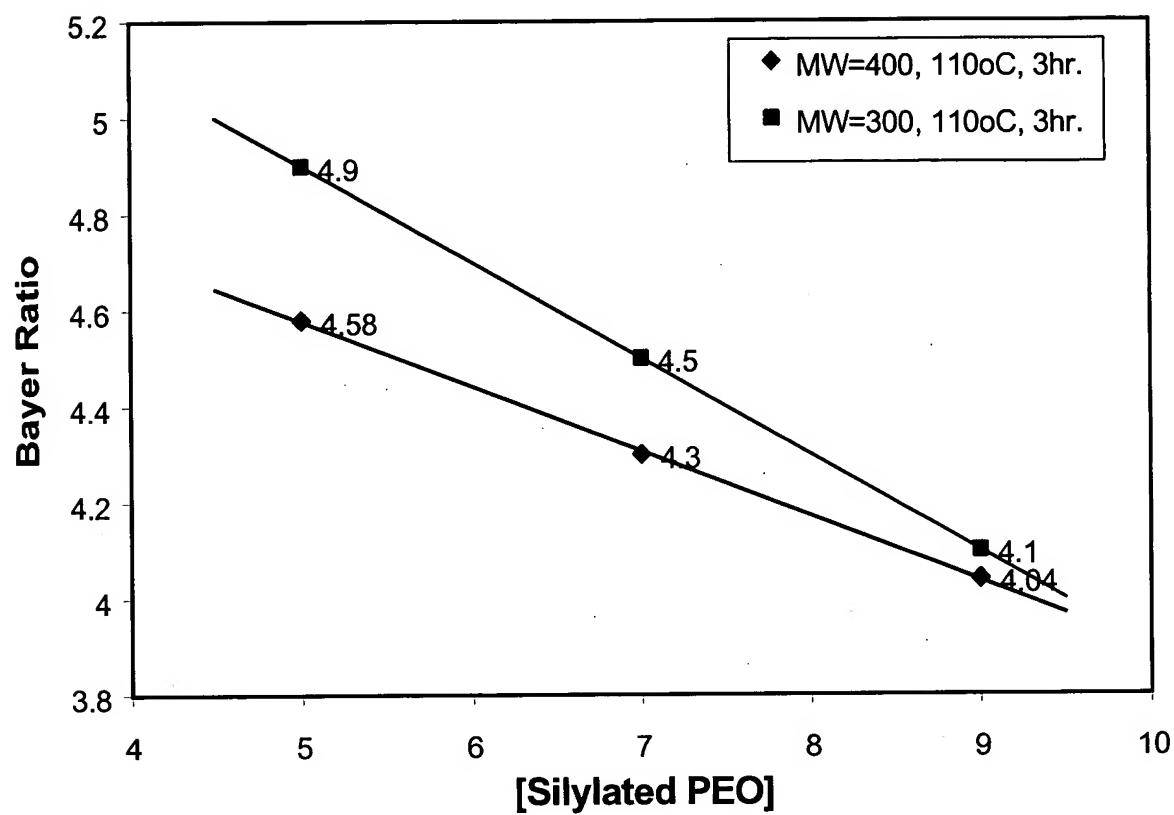


FIG. 6

Sample	Adhesion			% TLT		
	Initial	5 min	10 min	Initial	5 min	10 min
Tintable coating	Pass	fail	n/a	91.6	65.8	n/a
PR-1135/Tintable coating	Pass	pass	pass	91.7	64.6	42.8
PR-1165/Tintable coating	Pass	pass	pass	91.8	65.9	45.5
						35.2

FIG. 7

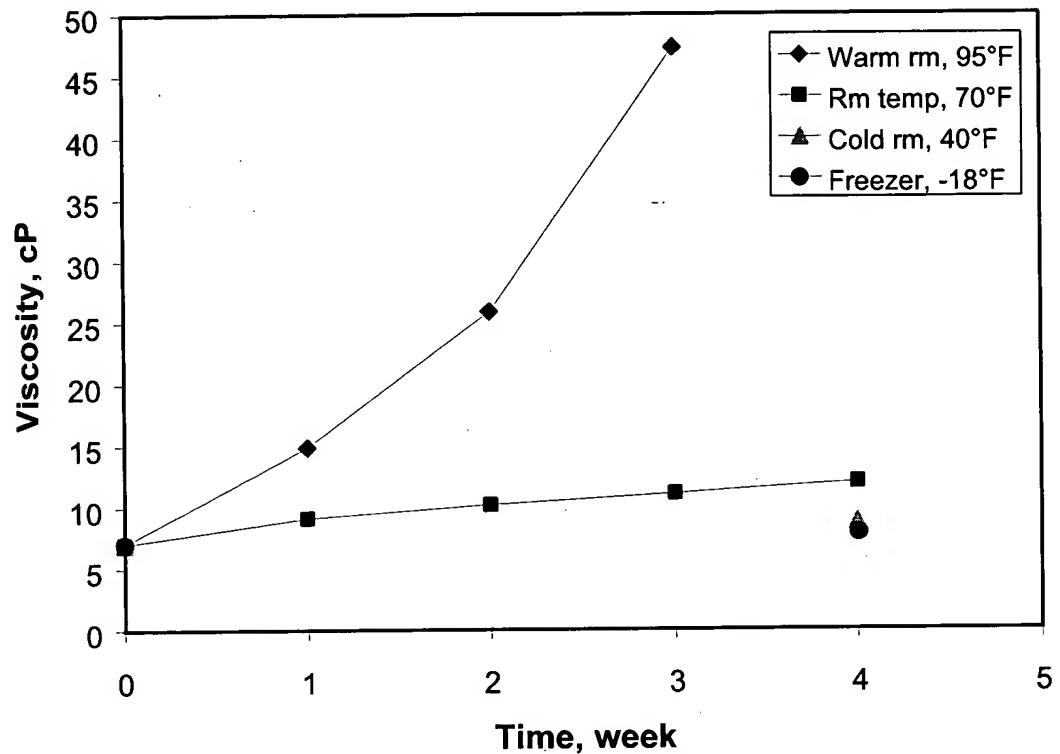


FIG. 8

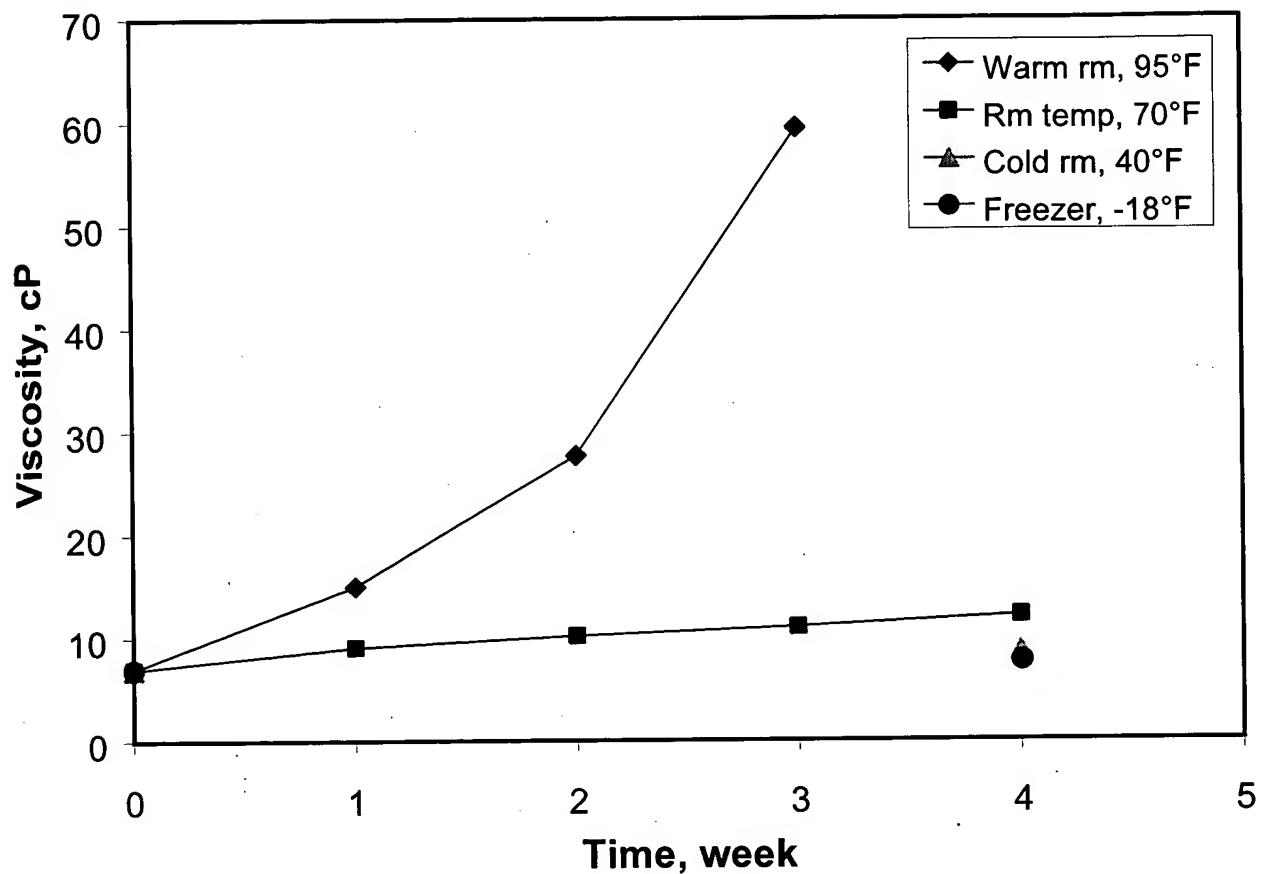


FIG. 9

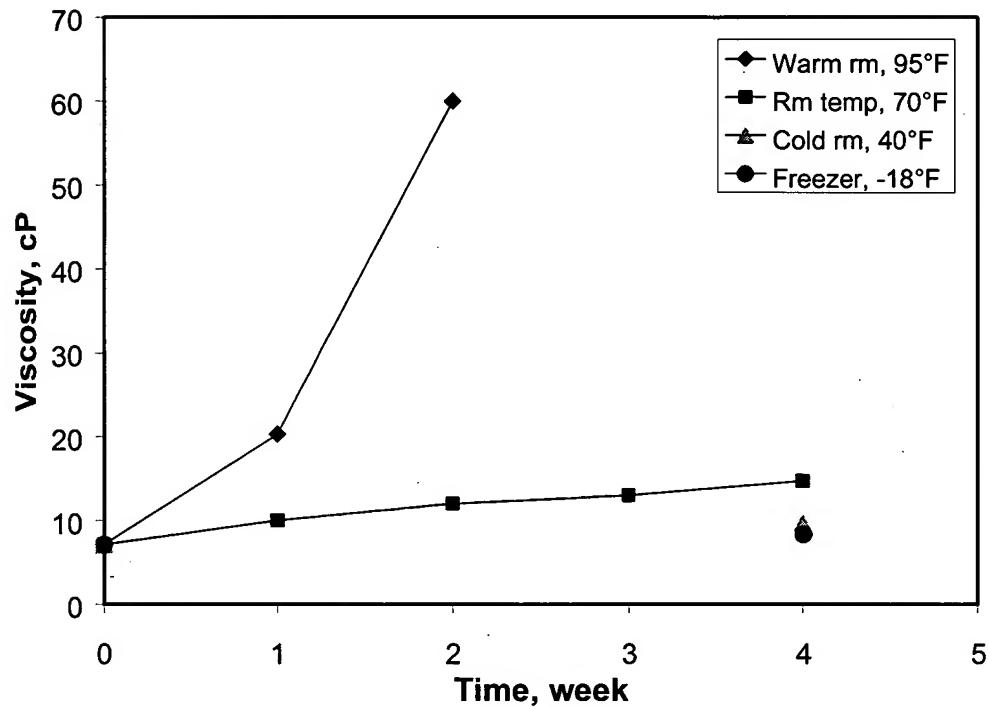


FIG. 10

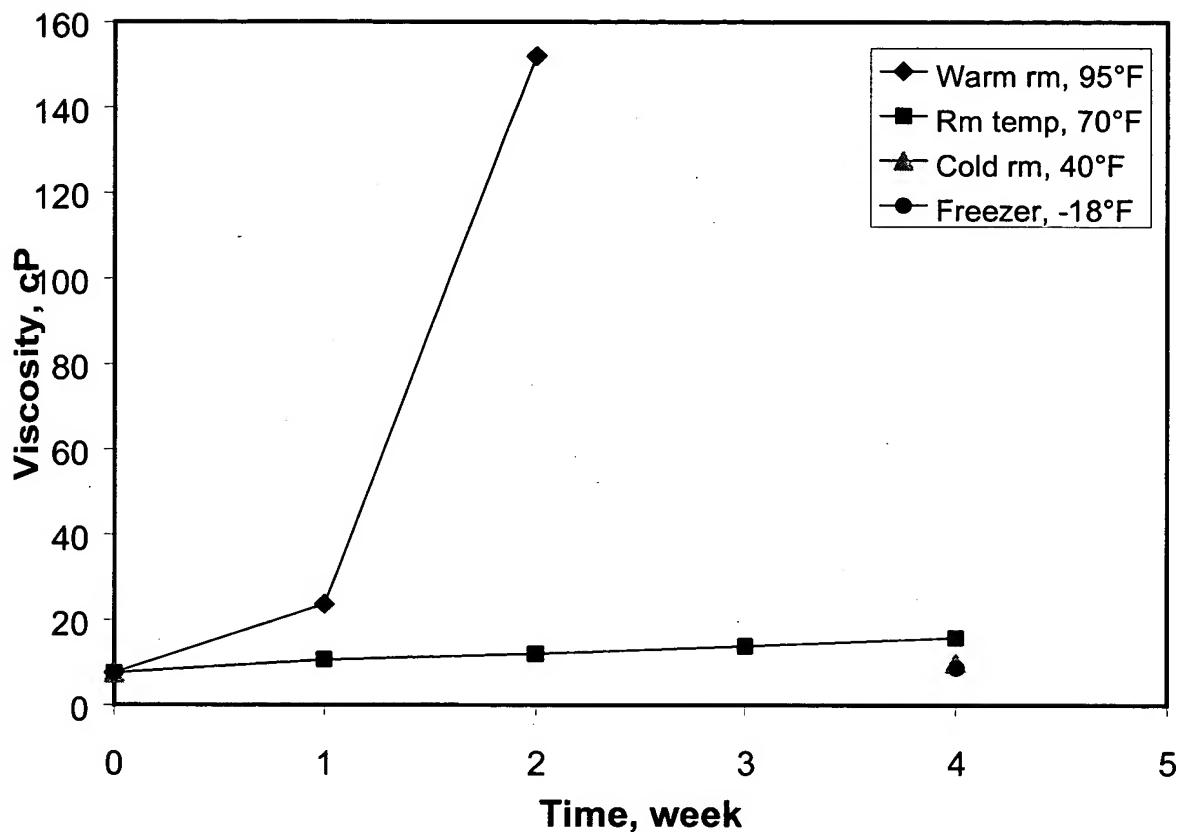


FIG. 11

pH	Bayer ratio	30 min %TLT	Viscosity, cP
4.55	3.8	24.3	25.9
4.67	3.7	26.8	27.7
4.74	4.0	28.3	60.0
4.82	3.7	25.8	152.0

FIG. 12

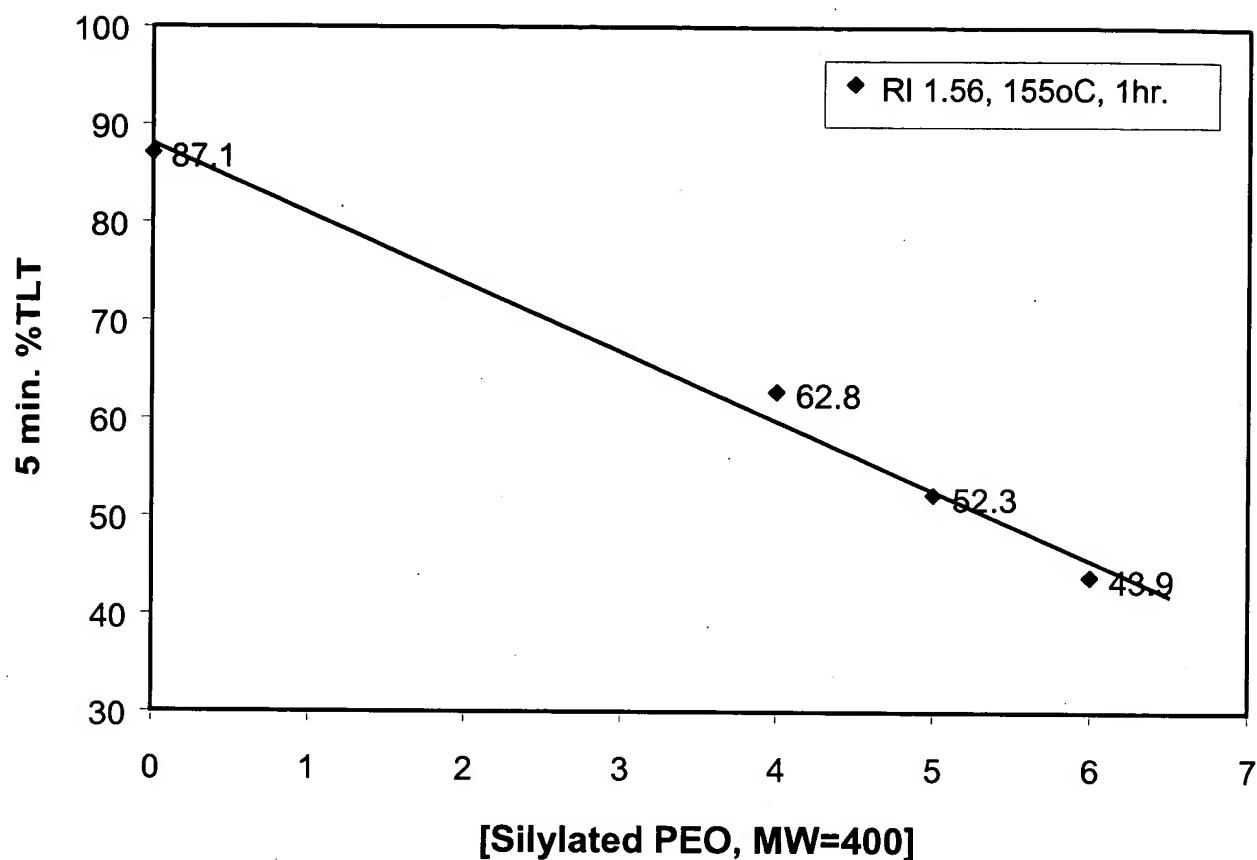


FIG. 13

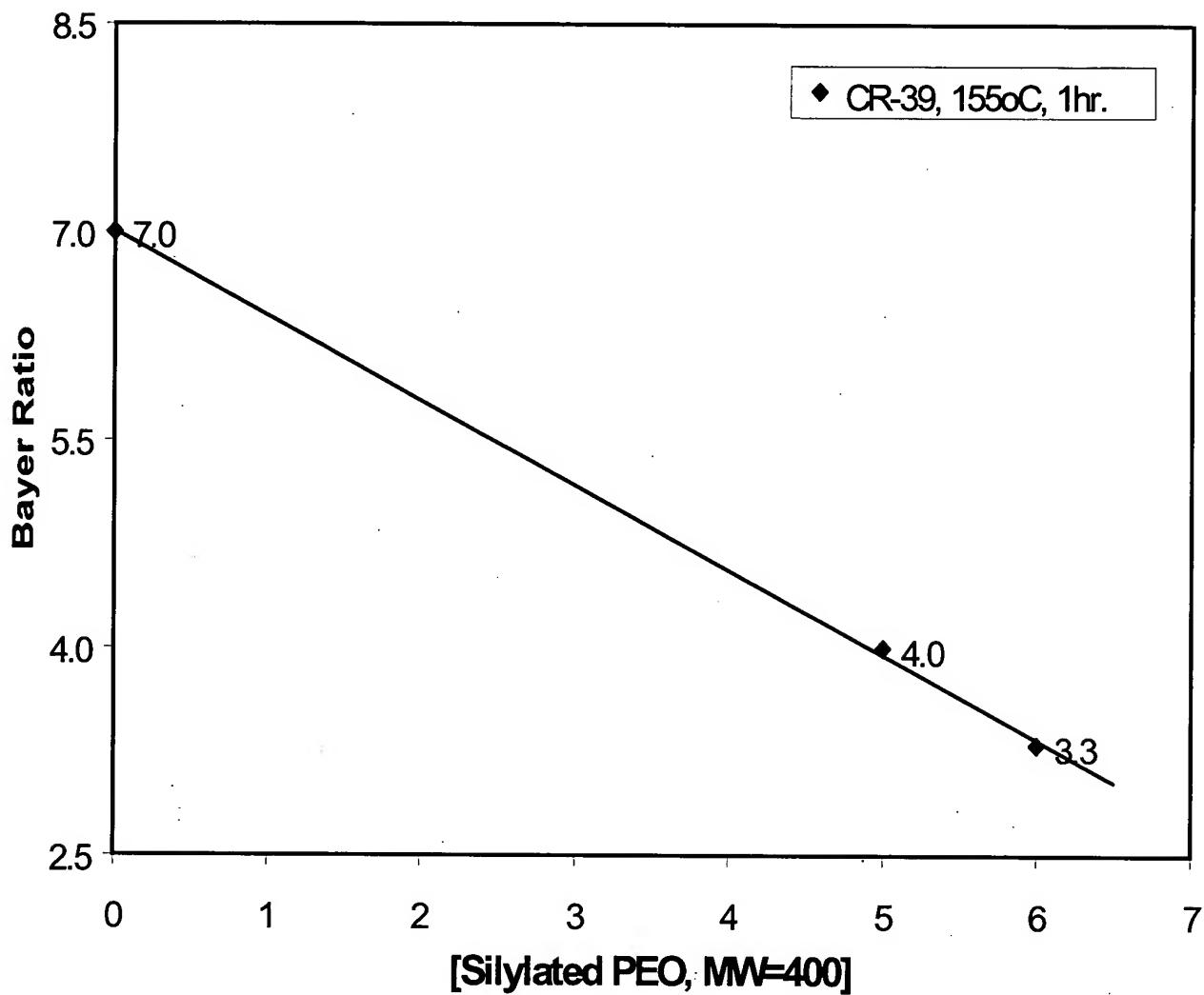


FIG. 14

Express Mail No. EV 272909034 US Date Deposited: September 16, 2003  
Serial No.: Not Yet Assigned Filed: Herewith  
Title: TINTABLE ABRASION RESISTANT COATING COMPOSITION AND.....  
Applicant: Youngun Pae Dkt. No. 7124.020  
Atty: Kathryn L. Hester, Ph.D. Tel: (405) 607-8600  
Page 15 of 20 Formal Drawings

<b>Properties</b>	<b>w/o</b>	<b>w/</b>
	<b>silylated PEO</b>	<b>silylated PEO</b>
5 min %TLT	87.6	43.9
Bayer ratio	7	3.3

FIG. 15

<b>Properties</b>	<b>w/o silylated PEO</b>	<b>w/ silylated PEO</b>
5 min %TLT	86.7	51.2
Bayer ratio	6	3.6

FIG. 16

<b>Properties</b>	<b>w/o</b> <b>silylated PEO</b>	<b>w/</b> <b>silylated PEO</b>
FT, micron	2.9	4.3
30 min %TLT	80.9	42.6
Bayer ratio	3.2	3.1

FIG. 17

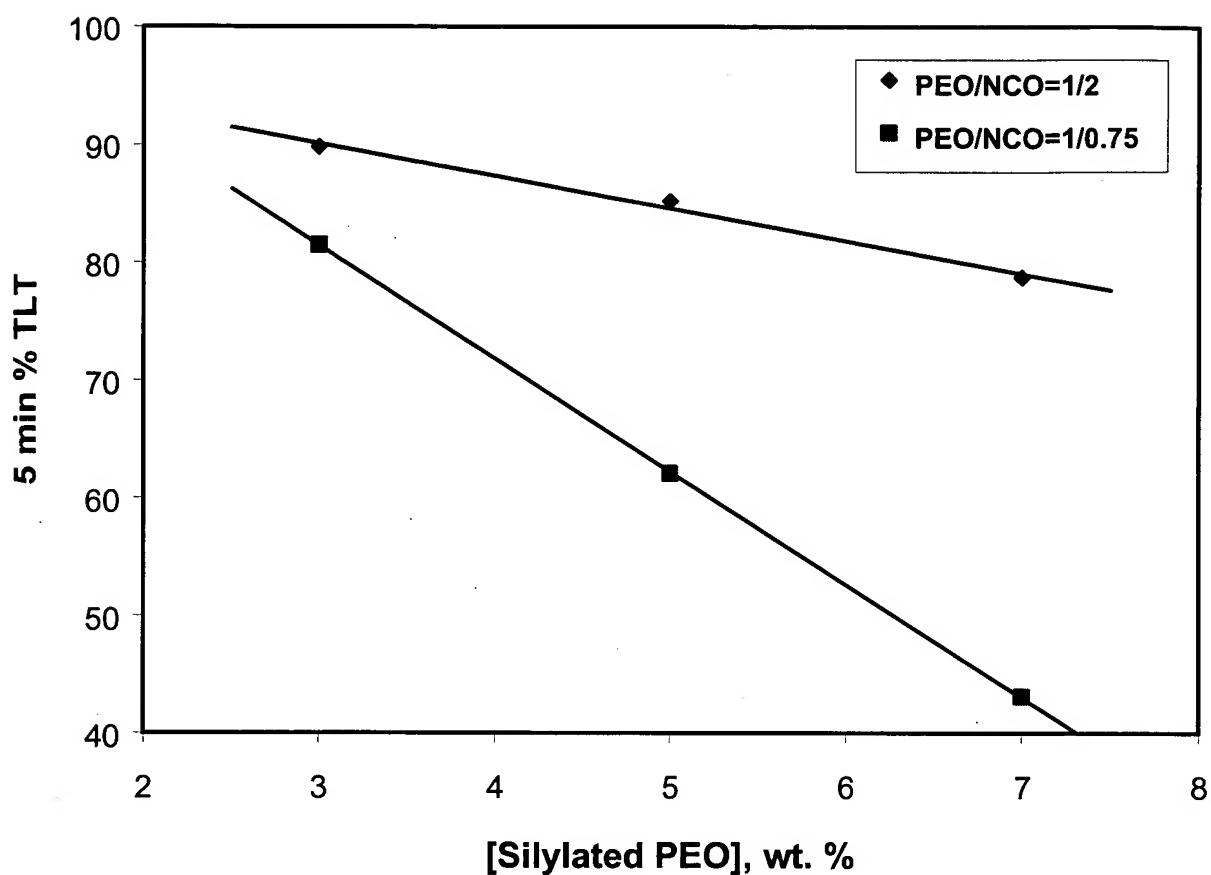


FIG. 18

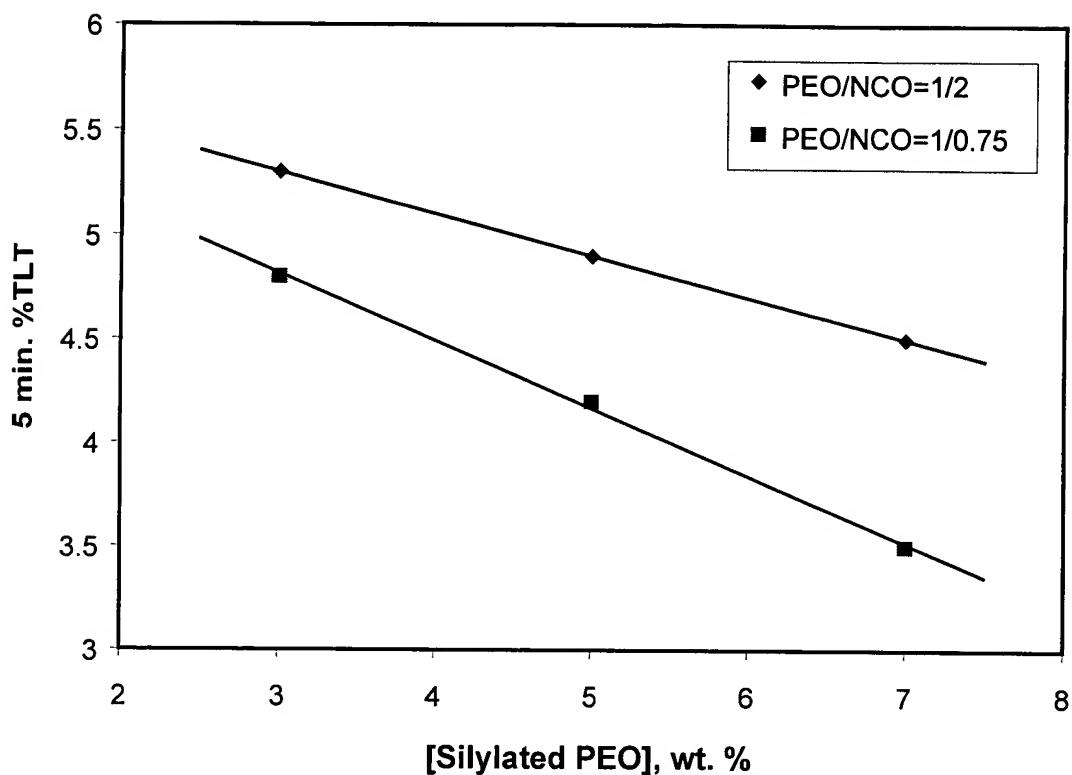


FIG. 19

Tests	PEO	Type of tint additive PEO/NCO=1/0.75	PEO/NCO=1/2
5 min %TLT	24	62.1	85.2
10 min %TLT	14.4	38.3	73.7
Post-tint appearance	Streaks	Some streaks	Good
Bayer	2.9	4.2	4.9

FIG. 20